

Curriculum Vitae

Personal Information

Name Chiung Ting Chang
Nationality Taiwan R.O.C. **Gender** ♀
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Academic Records

1. 2001 - 2005
Environment Department, University of York, PhD in Environmental Economics and Management (The UK)
2. 1996 - 1999
Institute of National Development (Division: Economics), National Taiwan University, M.A. (Taiwan)
3. 1992 - 1996
Department of Economics, National Taiwan University, B.A. (Taiwan)

Employment Records

1. 2009 -
Research Fellow in International Centre for Integrated Assessment & Sustainable Development, Maastricht University (The Netherlands).
2. 2008 - 2010
Lecturer in University College Maastricht, Maastricht University (The Netherlands).
3. 2006 – 2008
Lecturer in Environmental Economics, UNESCO-IHE Institute for Water Education (The Netherlands).
4. 2005 – 2006
Consultant for Environment Agency (the UK) on project Tradeable Flood Permit
5. 2000 – 2001
Assistant Research Fellow in the Taiwan Institute of Economic Research.
6. 1999 – 2001
Editor of international environmental news in EproNET.
7. 1998 – 2000
Research Assistant in the Institute of Economics at Academia Sinica.
8. 1997 – 1998
Research Assistant in National Science Council.

Membership and Activities

1. 2008 -
Member of the Dutch Geology Society, Limburg (*Ned. Geologische Vereniging afd. Limburg*; The Netherlands)
2. 2006 - 2007
UNESCO IHP Social Science Task Force member.
3. 2003 - 2006
Chiung-Ting Chang

- Member of FloodRiskNet (The UK)
4. 2001 - 2006
 - Member of Taiwanese Students Association at York (The UK)
 - Event Officer (June 2002 - July 2003).
 - Chairperson (August 2003 - July 2004).
 5. 1995
 - Interviewer of Survey Centre at Academia Sinica (Taiwan)
 5. 1993 - 1999
 - Member of Taiwanese Opera Association in National Taiwan University (Taiwan)
 - Executive-in-chief (August 1993 - July 1994).
 6. 1992 - 1994
 - Member of Democratic Youth Association in National Taiwan University (Taiwan)
 - Counselor (Spring 1993 and Summer 1993).
 7. 1989 - 2004
 - I had participated in organising recycling programs for schools, universities, communities and offices (Taiwan)

Publications

1. Chang, C.T. (2010), Live Long and Prosper without Economic Growth? Possibilities in Developing Countries, *OIDA International Journal of Sustainable Development*, 2 (5): 51-62.
2. Martens, P., Aerts, J.C.J.H., Amelung, B., Bouwer, L.M., **Chang, C.T.**, Huynen, M., van Ierland, E.C., van Koppen, C.S.A., McEvoy, D., Mol, A.P.J. and van Tatenhove, J. (2010) Imagining the Unimaginable: Synthesis of Essays on Abrupt and Extreme Climate Change, *Current Opinion in Environmental Sustainability*, 2: 1-9.
3. Martens, P. and **Chang, C.T.** (2010). *The Social and Behavioural Aspects of Climate Change* (Eds). Greenleaf, Sheffield.
4. Chang, C.T. (2010), Viewpoints on Sustainable Supply and Consumption in Developing Countries, *Natural Resources Forum*, 34: 87.
5. Martens, P., McEvoy, D. and **Chang, C.** (2009). The Climate Change Challenge: Linking Vulnerability, Adaptation, and Mitigation. *Current Opinion in Environmental Sustainability*, 1: 1-5.
6. van Dam, A.A., **Chang, C.T.**, Denny, P. & Hes, E. (2009) Training Workbook Module 1: Wetlands and Water Resources Management. In: Ojei, T., I. Gevers & E. Koopmanschap (eds.) *Training workbook on wetland management and livelihoods*. Wetlands International, Ede, The Netherlands.
7. Chang, C.T. (2009) Reflection upon Development Issues from Multiple Perspectives: A Non-standard textbook on Development Economics (Book review: The Development Economics Reader by Secondi, G. (ed.), 2008, London, Routledge), International Development Evaluation Association (IDEAS) website, http://www.ideas-int.org/documents/file_list.cfm?DocsSubCatID=2&navID=12&itemID=66&C

8. Chang, C.T. (2009). Combining Role-Play with Problem-Based Learning to Teach Development Economics. Nordic Conference for Development Economics 2009, Oslo, 28-29 May 2009. Retrieved from www.umb.no/statisk/ncde-2009/chang_chiung.pdf.
9. **Chang, C.T.** and J. Leentvaar (2008). Risk Trading in Trans-boundary Flood Management: Case Study of the Dutch and German Rhine. *Journal of Flood Risk Management*: 1: 133-141.
10. Chang, C.T. (2008) Introduction of a Tradeable Flood Permit System. *Environmental Science and Policy*. 11: 4: 329-335.
11. Siebel, M.A., **Chang, C.T.**, Gijzen, H.J. and Rotter, S. (2007) Life Cycle Impact Assessment: A Case Study of Solid Waste Collection. Paper presented at the 11th International Waste Management and Landfill Symposium, Sardinia, 1-5 October.
12. Chang, C.T. (2007), Risk Trading in Flood Management. *Taiwan Economic Policy and Forecast*, 37 (3): 83-105.
13. Lemos, M.C., Recharte, J., and **Chang, C.T.** (2007) Integration of Social Science in the UNESCO's Ecohydrology Programme. UNESCO-IHP Social Science Task Force Report.
14. Shaw, D. and **Chang, C.T.** (2006), Principle of interest-pay-say in institutional governance. Paper presented at All China Economics International Conference, Hong Kong, 18-20 December.
15. Chang, K.C., **Chang, C.T.** and Yao, G. (2006), Applying Quality of Life to Medical Resources Allocation. Poster presented at 13th Annual Conference of International Society for Quality of Life Research, Lisbon (Portugal), 10-14 October.
16. Siebel, M.A., **Chang, C.T.** and Gijzen, H.J. (2006) Life Cycle Impact Assessment: A Case Study of Solid Waste Collection. Paper presented at the Life Cycle Analysis Conference. India. August 12-15.
17. Chang, C.T. (2005), Mitigation of Flood Risks: The Economic Problem, PhD thesis, University of York (The UK).
18. Chang, C.T. (2005), Decentralised Flood Risk Management Using Stakeholders' Committees and Tradeable Flood Permits. Paper presented at the Envecon 2005, Royal Society, March 18.
19. Chang, C.T. (2004), Moving from Hard Mitigation to Soft Mitigation in Flood Risk Management. Paper presented at the 2nd International Conference on Environmental Concerns, Xiamen, China, October 12-15.
20. Chang, C.T. (2004), Optimising Development and Averting Behaviour in Flood Risk Management. Paper presented at the INFER Annual Conference, Wuppertal, Germany, September 17-18.
21. Chang, C.T. (2004), Balancing Development against Protection: Optimisation in Flood Risk Management. Paper presented at the European Association of Environmental and Resource Economics 13th Annual Conference, Budapest, Hungary, June 25-28.
22. Shaw, D., **Chang, C.T.**, and Kuo, Y.L. (2003), A New Institution for Environmental Management: Beyond the Political Boundaries. *Taiwan Economic Policy and Forecast*, 34 (1): 1-38.
23. Chang, C.T. (2001), Eco-tourism: New Paradigm of Travelling. *Taiwan Economic Research*

- Monthly*. 24 (6): 72-78.
24. Chang, C.T. (2001), On the Cross Straight Relationship: What's the Benefit for Taiwan? *Taiwan Economic Research Monthly*. 24 (1): 55-59.
 25. Chang, C.T. (2000), The Next Star? SWOT Analysis on the Development of Biotech Industry in Taiwan. *Industrial Economic Trends Quarterly*. 10: 57-66.
 26. Chang, C.T. (2000), Analysis on Machinery Industry (I). *Industrial Economic Trends Quarterly*. 10: 30.
 27. Chang, C.T. (2000), Analysis on Machinery Industry (II). *Industrial Economic Trends Quarterly*. 10: 31.
 28. Chang, C.T. (2000), Advantages and Disadvantages of GM Food. *Liberty Times*. 15.
 29. Shaw, D. **Chang, C.T.**, and Kuo, Y.L. (2000), Mechanisms of Natural Resource Management. Paper presented at the Conference on Sustainable Development. University of Wu-han, Wu-han, China.
 30. Shaw, D. **Chang, C.T.**, and Kuo, Y.L. (2000), Institutional Frameworks in Water Market: in Watershed Perspective. Paper presented at the Conference on Water Resources Management. The Bureau of Water Resources and Taiwan Institute of Economic Research.
 31. Chang, C.T. (2000), On Green Silicon Island: The Balance of Economic Development and Environmental Protection. *Industrial Economic Trends Quarterly*. 9: 55-66.
 32. **Chang, C.T.** and Shaw, D. (2000), Evolution of Recycling Programs in Taiwan. Paper presented at the Workshop on Solid Waste Management Policy. Kyoto University, Japan.
 33. Shaw, D. and **Chang, C.T.** (1999), Air Pollution in Taiwan: Problems and Strategies. Paper presented at the Conference on Social Problem in Taiwan. The Institute of Sociology in Academia Sinica. Published in *On Socio-economic Policies in Taiwan* edited by H.Y. Chu and T.Y. Liu in 2002.
 34. Chang, C.T. (1999), Recycling Policy Analysis in Taiwan. *Journal of Environmental Engineering*. 10 (1): 19-30.
 35. Chang, C.T. (1999), *Recycling Policy Formulation in Taiwan: Factors and Problems*. National Taiwan University. Dissertation (M.A.).
 36. Chang, C.T. (1998), Immigrant Labor Policy Analysis. *Bulletin of National Development*. National Development Society in the Graduate Institute of National Development, National Taiwan University. 4:122-127.

Projects and Grants

1. EU FP7, Producing a shared vision on how to harness Research & Development for Sustainable Development (VISION), 2010 onwards (researcher).
2. NWO (The Netherlands), Vulnerability, Adaptation, Mitigation, and Adaptation-Mitigation for Climate Change, Synthesis project, 2009-2010 (researcher).
3. Environmental Protection Agency (Taiwan), Adaptation for Climate Change in Taiwan, 2009-2010 (consultant).
4. China Technical Consultants, Inc. (Taiwan), Adaptation for Climate Change, 2008 (researcher).

5. Water Management Inspectorate (The Netherlands), Project on enforcement improvement using water accounting and environmental trading, 2007 (principal investigator).
6. WWF (The Netherlands, UNESCO-IHE), Project on Roads and Floods in the Mekong (Vietnam and Cambodia), 2006-7 (researcher).
7. Environment Agency (The UK), Project on potential of tradeable permit on flood management in England, 2005 (consultant).
8. Chiang Ching Kuo Foundation for International Scholarly Exchange (Taiwan), 2003 - 2004.